

Abstract of the Disclosure

Improved management of respiratory pauses (apnea) or hypopnea in an active implantable medical device of the cardiac pacemaker, cardiovertor and defibrillator types including multisite devices. This device operates to analyze the patient's respiratory activity, detect the occurrence of respiratory pauses (apnea) or diminutions (hypopnea), analyze the contractility of the myocardium, for example, by measurement of the intracardiac impedance or the endocardial acceleration, and detect the occurrence of a variation of the hemodynamic state. In the event of a significant variation of the hemodynamic state (i.e., contractility) detected in relation to the detection of an apnea or of an hypopnea, the device modifies conditionally and temporarily an operating parameter of the device, for example, the frequency of stimulation, the atrio-ventricular delay or to trigger a multistate stimulation to compensate.